

CLAIMS:

I claim:

- 1 1. A wobbling sprinkler head comprising:
 - 2 a sprinkler head main frame having a nozzle base
 - 3 having a nozzle therein and at least one arm extending
 - 4 therefrom supporting a deflector supporting base, said
 - 5 nozzle base being attached to a water supply and
 - 6 having a water inlet for directing water through said
 - 7 nozzle;
 - 8 a water deflecting head having a shaft movably
 - 9 attached to said deflector supporting base and having
 - 10 a water deflecting surface attached to one end of said
 - 11 shaft and positioned to deflect water being emitted
 - 12 from said nozzle, said water deflector surface having
 - 13 a predetermined shape to cause movement of said water
 - 14 deflector head responsive to water being directed
 - 15 thereagainst, and said shaft having a counterbalancing
 - 16 weight on the other end thereof; and
 - 17 said water deflecting surface having a protrusion
 - 18 extending therefrom adjacent one side of a portion of
 - 19 said nozzle base to thereby tilt said water deflecting
 - 20 head to one side of said nozzle to thereby cause said
 - 21 water deflecting head to wobble responsive to water
 - 22 directed thereagainst from said nozzle;
 - 23 whereby said water deflecting head has a wobbling
 - 24 motion while distributing water from said sprinkler
 - 25 head while dampening vibrations with a counterweight.

1 2. A wobbling sprinkler head in accordance with
2 claim 1 in which said water deflecting surface
3 extending protrusion forms an apex in the center of
4 said water deflecting surface.

1 3. A wobbling sprinkler head in accordance with
2 claim 2 in which said water deflecting surface
3 protrusion is generally cone shaped.

1 4. A wobbling sprinkler head in accordance with
2 claim 1 in which said deflector supporting base has
3 opening therein with said shaft extending therethrough

1 5. A wobbling sprinkler head in accordance with
2 claim 4 in which water deflecting head shaft has a
3 spool bushing between the ends thereof riding in said
4 deflecting base opening.

1 6. A wobbling sprinkler head in accordance with
2 claim 1 in which said opening in said deflector
3 supporting base is large enough to allow said shaft to
4 tilt and wobble during rotation.

1 7. A wobbling sprinkler head in accordance with
2 claim 1 in which said counterweight is removably
3 mounted to the other end of said shaft.

1 8. A wobbling sprinkler head in accordance with
2 claim 7 in which said counterweight is press fitted
3 into said shaft.

1 9. A wobbling sprinkler head in accordance with
2 claim 1 in which said deflector supporting base has an
3 open bottom to access said counterweight.

1 10. A wobbling sprinkler head in accordance with
2 claim 1 in which said sprinkler head main frame has
3 three arms.